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WHOLE NUMBER 27.

THE
Ohio Mining Journal.

OFFICIAL ORGAN OF THE OHIO INSTITUTE
OF MINING ENGINEERS.

No. 27 Embraces the Proceedings of the Winter Meeting held at
Columbus on January 19, 20, 21, 1898, and the Excursion
to Sandusky, Kelly's Island, Put-in-Bay and
Toledo on August 2, 3, 4, 1898.

PUBLISHED BY R. M. HASELTINE,
Secretary and Treasurer.
MRS. B. G. KALB,
Stenographer.

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1899.

OFFICIAL DIRECTORY

Of the Ohio Institute of Mining Engineers for

1898.

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The headquarters of the Institute are at Columbus, Ohio.

Two meetings are held annually.

The Winter Meeting is held at Columbus during the month of January.

The Summer Meeting is held in June.

The dates of both are determined by the Executive Committee.

WINTER MEETING, 1898.

PROGRAMME

ARRANGED ACCORDING TO STANDARD TIME.

Owing to the fact that it is inconvenient to arrange an excursion for the members at the coming meeting, it has been thought best to deviate a little from the former routine and unite with the members of the Ohio Society of Civil Engineers and Surveyors on Wednesday afternoon, January 19th, and accept the invitation of the Jeffrey Manufacturing Company, of this city, to visit their works. From there the members will inspect the works of the Kilbourne-Jacobs Manufacturing Company, which is in the vicinity. On

Wednesday Evening, January 19,

There will be a joint session, at which Prof. A. A. Wright, of Oberlin, will read a paper upon *A Topographical Survey of the State of Ohio*, a subject of great interest to all engineers and many others. On

Thursday Forenoon, January 20,

It is proposed that the two societies visit the Steel Works of King, Gilbert & Warner, at the south end of the city.

Thursday, January 20, 1:30 P. M.

Annual Address of the President,

PROF. F. A. RAY, Ohio State University, Columbus, Ohio.

Report of the Secretary-Treasurer, . R. M. HASLTYNE, Columbus, Ohio.

Paper—What We Pay For,

HON. FREDERICK C. KEIGHLEY, Uniontown, Pa.

Paper—Eminent American Geologists,

CAPT. J. L. MORRIS, Carrollton, Ohio.

MISCELLANEOUS BUSINESS.

Thursday, January 20, 7:30 P. M.

*Paper—"The Iser vs. the Waser," Some Reminiscences of Past
and Present Mining, With a Glimpse Into the Future,*

J. S. DOE, Wilmington, Ohio.

*Paper — Some of the Conditions Affecting the Designing of Motors
for Mining Purposes,*

PROF. F. C. CALDWELL, O. S. U., Columbus, Ohio.

Paper — Progress in Coal Unloaders During 1897,

W. B. HANLON, Chief Engineer C. L. & W. Railway, Cleveland, Ohio.

Friday, January 21, 9:00 A. M.

Paper — Surface Plants of Bituminous Collieries,

W. G. WILKINS, C. E., Pittsburgh, Pa.

Paper — Gases Met With in Mines, Their Specific Gravity,

WM. RALSTON, C. E., Newman, Ohio.

Paper — Fire in Sunday Creek Coal Co.'s Mine No. 10,

EDWARD H. COXE, Corning, Ohio.

Friday, January 21, 1:30 P. M.

ELECTION OF OFFICERS FOR ENSUING YEAR.

ELECTION OF MEMBERS.

Paper — The Practical Part of Electrical Haulage,

D. C. THOMAS, C. E., Glouster, Ohio.

Paper — The Cost of Power in Electric Mining,

ALEX. PALMROS, Columbus, O.

Paper — Geology of the Jackson Shaft Coal,

HON. ANDREW ROY, Glen Roy, Ohio.

You are cordially invited to be present and participate in the
discussion of these papers.

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